

ABSTRACT

A seat frame comprises a unitary magnesium die cast body having a top, a bottom, two sides, and front and back surfaces. The front surface has an outer perimeter flange positioned adjacent the two sides and the top of the body. An inner perimeter flange is spaced from and generally coextensive with the outer perimeter flange. The front surface also has at least one generally horizontally oriented flange and at least two generally diagonally oriented flanges. This arrangement, together with the use of the die cast magnesium, results in a lightweight yet strong and durable frame that provides generally uniform support to the overlying seat cushion. The frame body is also provided with a large aperture that is positioned to desirably lower the seat assembly center of gravity.